

Serial No.: 10/782,282

PF030040

Amendments to the Claims

Please amend claim 1 as indicated.

1. (Currently Amended) Plasma panel comprising two plates leaving a sealed space between them, which space is filled with discharge gas and is divided into discharge cells that are bounded between these plates by barrier ribs forming an array, the said cells being distributed in rows and columns, characterized in that the barrier rib portion that separates any two adjacent cells of the same column includes a cavity that is made in the thickness of the said rib and emerges at the top of the said rib, and also includes a notch that brings the two said cells into communication with each other through the said cavity, wherein the cavity has sidewalls that extend so as to be level with the top of the ribs.
2. (Original) Plasma panel according to Claim 1, wherein that the depth of the said cavities is greater than or equal to one third of the height of the said barrier ribs.
3. (Original) Plasma panel according to either of Claim 1, wherein that the maximum width of the cavities, measured in the direction of the said rows, is greater than or equal to 50 μm .
4. (Original) Plasma panel according to Claim 1, wherein that the maximum width of the cavities, measured in the direction of the said rows, is greater than or equal to twice the width of the notches measured in the same direction.
5. (Original) Plasma panel according to Claim 1, wherein that the said barrier ribs have a porosity that is greater than or equal to 25% and in that the width of the notches, measured in the direction of the said rows, is less than 60 μm .

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6. (Original) Plasma panel according to Claim 1, characterized in that the height of the said barrier ribs is greater than or equal to 120 μm .